

DERWENT-ACC-NO: 2000-003894

DERWENT-WEEK: 200343

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Scanning circuit in liquid crystal display device -
generates dummy scan period during occurrence of
lacuna,
in retrace line interval

PATENT-ASSIGNEE: SANYO ELECTRIC CO LTD[SAOL] ,
TOTTORI SANYO DENKI KK[TOTT]

PRIORITY-DATA: 1998JP-0086541 (March 31, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
JP 11282433 A	October 15, 1999	N/A	005
G09G 003/36			
JP 3378796 B2	February 17, 2003	N/A	005
G09G 003/36			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 11282433A	N/A	1998JP-0086541	March 31, 1998
JP 3378796B2	N/A	1998JP-0086541	March 31, 1998
JP 3378796B2	Previous Publ.	JP 11282433	N/A

INT-CL (IPC): G02F001/133, G09G003/20 , G09G003/36

RELATED-ACC-NO: 2003-453867

ABSTRACTED-PUB-NO: JP 11282433A

BASIC-ABSTRACT:

NOVELTY - Scan signal monitor (2) measures signal duration during scan period.

During the retrace line interval, a lacuna is generated. A dummy scan signal generator (5) generates signal to provide dummy scan period during lacuna period, based on which controller outputs signal to liquid crystal cell driver.

USE - In liquid crystal display (LCD) device.

ADVANTAGE - As vertical retrace line interval is taken into consideration,

quality of display is maintained. DESCRIPTION OF DRAWING(S) -

The figure shows

the block diagram of the LCD device. (2) Scan signal monitor; (5)

Dummy scan

signal generator.

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: SCAN CIRCUIT LIQUID CRYSTAL DISPLAY
DEVICE GENERATE DUMMY SCAN
PERIOD OCCUR RETRACE LINE INTERVAL

DERWENT-CLASS: P81 P85 T04 U14

EPI-CODES: T04-H03B; T04-H03C2A; U14-K01A3;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2000-003340